



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Rachel Meyers  
Serial No. : 09/801,267  
Filed : Herewith 3/6/01  
Title : 26583, A NOVEL SERINE/THREONINE PHOSPHATASE AND USES THEREFOR

Art Unit : Unknown  
Examiner : Unknown

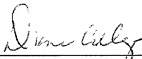
**Box Patent Application**  
Commissioner for Patents  
Washington, D.C. 20231

STATEMENT UNDER 37 CFR §1.821(f)

I hereby state, as required by 37 C.F.R. §1.821(f), that the content of the paper and computer-readable copy of the Sequence Listing, submitted in accordance with 37 C.F.R. §§1.821(c) and (e), respectively, are the same.

Respectfully submitted,

Date: July 5, 2001

  
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Reg. No. 46,635

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

July 6, 2001  
Date of Deposit

  
Signature

Maria Reen  
Typed or Printed Name of Person Signing Certificate

09801267.070901



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Rachel Meyers  
Serial No. : 09/801,267  
Filed : March 6, 2001  
Title : 26583, A NOVEL SERINE/THREONINE PHOSPHATASE AND USES THEREFOR

Art Unit : 1645  
Examiner : Unknown

**Box Missing Parts**

Commissioner for Patents  
Washington, D.C. 20231

VERIFIED STATEMENT UNDER 37 CFR §1.821(f)

I, Jennifer H. Payne, declare that I personally prepared the paper and the computer-readable copy of the Sequence Listing filed herewith for the above-identified application and that the content of both is the same.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of The United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date:

July 5, 2001

Jennifer H. Payne

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

July 6, 2001

Signature

Maria Keen  
Maria Keen

Typed or Printed Name of Person Signing Certificate

09801267.070901



## SEQUENCE LISTING

<110> Meyers, Rachel A.

<120> 26583, A NOVEL SERINE/THREONINE  
PHOSPHATASE AND USES THEREFOR

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act tac tgg caa	gag ctt ata gac ctc aac act	ggt gag tgc act gat	1148
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<213> Homo sapiens

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Tyr Thr Gln Gly Arg Arg Tyr Ala Ser Thr Pro Gln Lys Phe Tyr Leu
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85 90 95
Lys Val Pro Glu Phe Asp Gly Lys Asn Val Ser Ser Ile Leu Gly Phe
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Gly His Ala Gly Cys Ala Cys Ser Gln Ala Val Ser Glu Arg Leu Phe
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Glu Asn Ala Val Glu Ser Gly Arg Ala Leu Leu Pro Ile Leu Gln Trp
180 185 190
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Phe Asn Ser Leu Arg Thr Tyr Trp Gln Glu Leu Ile Asp Leu Asn Thr
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225 230 235 240
Lys Arg Leu Asp Asn Asp Ile Ser Leu Glu Ala Gln Val Gly Asp Pro
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Trp Ser Ala Val Thr Leu Ser Asn Asp His Asn Ala Gln Asn Glu Arg
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Val Gly Glu Tyr Leu Thr Gly Met His His Gln Gln Pro Ile Ala Val
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His Leu Ile Arg His Ala Val Gly Asn Asn Glu Phe Gly Thr Val Asp
      485              490              495
His Glu Arg Leu Ser Lys Met Leu Ser Leu Pro Glu Glu Leu Ala Arg
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00001267.070901

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Ala Lys Tyr Ala Gly Lys His Leu His Lys Thr Ile Leu Ala Glu Arg
 50          55          60
Lys Ser Phe Pro Glu Gly Asp Pro Trp Glu Met Lys Leu Ser Asp Leu
 65          70          75          80
Glu Asp Ala Leu Lys Glu Ser Phe Leu Glu Ala Asp Thr Asp Glu Glu
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Leu Arg Ser Ala Glu Ala Ser Ala Ala Asn Lys Val Leu Thr Lys Glu
100          105          110
Asp Leu Ser Ser Gly Ser Thr Ala Val Val Ala Leu Ile Arg Gly Asn
115          120          125
Lys Leu Tyr Val Ala Asn Val Gly Asp Ser Arg Ala Val Leu Cys Arg
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Asn Gly Asn Ala Ile Lys Trp Ala Val Thr Leu Thr Glu Asp His Lys
145          150          155          160
Pro Ser Asn Glu Asp Glu Arg Glu Arg Ile Glu Ala Ala Gly Gly Phe
165          170          175
Val Ser Arg Val Ser Asn Gly Arg Val Asn Gly Val Leu Ala Val Ser
180          185          190
Arg Ala Phe Gly Asp Phe Glu Leu Lys Pro Gly Ser Lys Leu Gly Pro
195          200          205
Glu Glu Ser Leu Glu Ala Asn Tyr Glu Tyr Ile Lys Ser Pro Glu Gln
210          215          220
Leu Val Thr Ala Glu Pro Asp Val Thr Ser Ser Thr Asp Leu Thr Pro
225          230          235          240
Asp Lys Asp Glu Phe Leu Ile Leu Ala Cys Asp Gly Leu Trp Asp Val
245          250          255
Val Ser Asp Gln Glu Val Val Asp Ile Val Arg Ser Glu Leu Ser Asp
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<210> 5

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Pro Phe Phe Gly Val Phe Asp Gly His Gly Gly Ser Glu Ala Ala Lys
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Phe Leu Ser Lys Asn Leu His Glu Ile Leu Ala Glu Glu Leu Ser Phe

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Glu Ala Leu Arg Lys	Ala Phe Leu Arg Thr	Asp Glu Glu Ile Ser	Thr	
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Ala Val Val Ala Leu	Ile Arg Gly Asn Lys	Leu Tyr Val Ala Asn	Val	
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Gly Val Arg Thr Tyr	Ser Ala Val Gln Leu	Thr Glu Asp His Lys	Pro	
	145	150	155	
Ser Asn Glu Asp Glu	Arg Glu Arg Ile Glu	Ala Ala Gly Gly Glu	Val	
	165	170	175	
Glu Pro Ile Asp Arg	Glu Phe Val Ser Asn	Gly Gly Gly Val Val	Trp	
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Arg Val Asn Gly Val	Val Ile Ser Leu Ala	Val Ser Arg Ala Leu	Gly	
	195	200	205	
Asp Phe Glu Leu Lys	Lys Lys Glu Asp Glu	Leu Ile Glu Glu Asn	Arg	
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	225	230	235	
Ser Ala Glu Pro Glu	Val Thr Val Val Glu	Leu Ser Gln Thr Leu	Val	
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Pro Thr Glu Asp Asp	Asp Phe Leu Ile Leu	Ala Ser Asp Gly Leu	Trp	
	260	265	270	
Asp Val Leu Ser Asn	Gln Glu Ala Val Asp	Ile Val Arg Lys His	Leu	
	275	280	285	
Arg Lys Gly Asp Asp	Lys Glu Val Lys Ser	Ala Ala Gln Glu Leu	Ala	
	290	295	300	
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	305	310	315	
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